

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 August 2005 (25.08.2005)

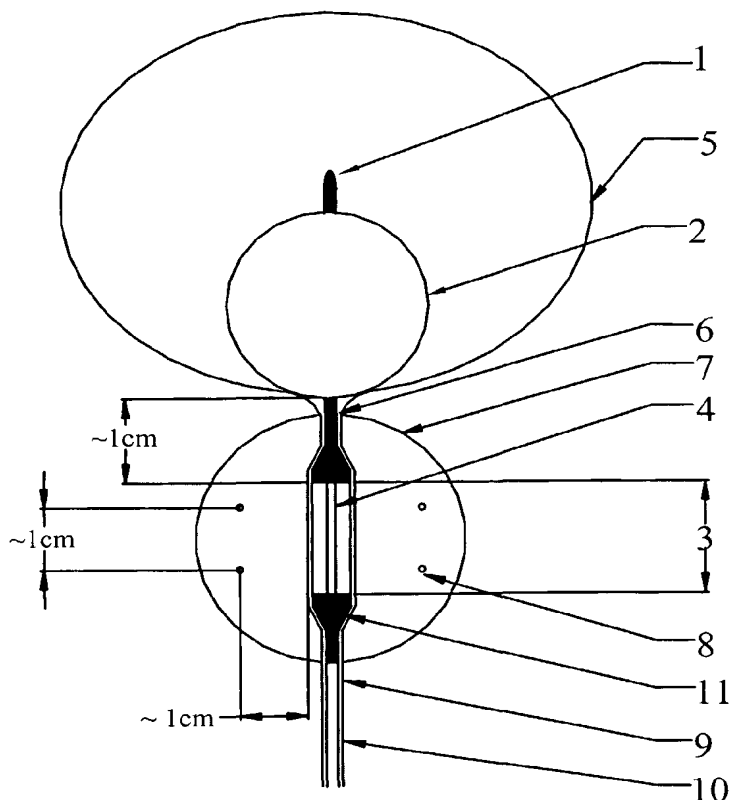
PCT

(10) International Publication Number
WO 2005/077457 A1

- (51) International Patent Classification⁷: **A61N 5/06**, **A61K 41/00**
- (21) International Application Number: **PCT/CA2004/000205**
- (22) International Filing Date: 13 February 2004 (13.02.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (71) Applicant (for all designated States except US): **QLT INC.** [CA/CA]; 887 Great Northern Way, Vancouver, British Columbia V5T 4T5 (CA).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **RUBINCHIK, Valery** [CA/CA]; 10493 Yarmish Drive, Richmond, British Columbia V7E 5L5 (CA). **VISSER, Mitchell, D.** [CA/CA]; 9123 Mona Avenue, Burnaby, British Columbia V3N 5A7 (CA).
- (74) Agent: **SMART & BIGGAR**; 2200 - 650 West Georgia Street Box 11560, Vancouver Centre Vancouver, British Columbia V6B 4N8 (CA).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (81) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR,

[Continued on next page]

(54) Title: **PHOTODYNAMIC THERAPY FOR THE TREATMENT OF PROSTATIC CONDITIONS**



(57) Abstract: The present invention relates to a photodynamic method of treating prostatic disorders such as BPH. The method comprises: administering a photosensitizer by direct injection to the prostate tissue of a subject afflicted with or suspected of being afflicted with a prostatic disorder; and irradiating the prostate tissue with energy at a wavelength appropriate to activate the photosensitizer, wherein a guidewire is utilized to position the injection device and the irradiation apparatus.

WO 2005/077457 A1



GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Published:

— *with international search report*